

**Appendix 2: Oropharyngeal Cancer Incidence (2013-2022) and Mortality (2014-2023) by County****Table 1. Oropharyngeal Cancer Incidence Rates by County in Oklahoma, 2013-2022**

County	Total Number of Oropharyngeal Cancers	Crude Incidence Rate*	Age-Adjusted Incidence Rate*
Adair	30	14.8	12.0
Alfalfa	14	24.2	16.7
Atoka	31	22.0	16.3
Beaver	10	19.1	13.2
Beckham	34	14.9	13.5
Blaine	17	18.9	15.0
Bryan	104	23.0	18.2
Caddo	52	18.8	15.4
Canadian	180	12.4	11.6
Carter	121	25.1	20.5
Cherokee	70	14.8	12.0
Choctaw	39	26.9	19.1
Cimarron	.	.	.
Cleveland	360	12.5	11.9
Coal	16	29.7	21.9
Comanche	143	11.7	11.5
Cotton	15	26.3	18.0
Craig	32	22.3	16.3
Creek	151	21.1	16.6
Custer	33	11.5	10.8
Delaware	82	20.2	12.5
Dewey	11	23.9	18.8
Ellis	.	.	.
Garfield	84	13.3	11.0
Garvin	80	30.5	24.3
Grady	76	13.9	11.2
Grant	11	25.9	18.5
Greer	11	19.3	14.4
Harmon	.	.	.
Harper	.	.	.
Haskell	27	22.7	17.3
Hughes	30	22.2	17.4
Jackson	42	16.6	14.2
Jefferson	13	23.0	14.5
Johnston	31	29.4	23.5
Kay	87	19.5	15.3
Kingfisher	31	20.3	16.2

County	Total Number of Oropharyngeal Cancers	Crude Incidence Rate*	Age-Adjusted Incidence Rate*
Kiowa	13	14.9	11.6
Latimer	21	21.3	15.1
Le Flore	81	16.6	13.0
Lincoln	56	16.6	12.8
Logan	62	13.0	10.1
Love	33	33.1	26.5
McClain	72	17.9	14.6
McCurtain	54	17.1	13.7
McIntosh	49	25.4	15.7
Major	14	18.0	12.6
Marshall	35	22.7	15.1
Mayes	72	18.2	14.4
Murray	38	27.5	20.3
Muskogee	131	19.4	15.9
Noble	26	23.3	18.0
Nowata	18	18.5	12.4
Okfuskee	22	19.0	13.4
Oklahoma	1005	12.8	11.9
Okmulgee	66	17.6	13.8
Osage	69	14.9	9.2
Ottawa	58	18.8	14.8
Pawnee	24	15.2	12.0
Payne	109	13.4	15.1
Pittsburg	86	19.4	14.8
Pontotoc	86	22.6	18.4
Pottawatomie	123	17.1	14.0
Pushmataha	15	13.7	10.8
Roger Mills	.	.	.
Rogers	165	17.6	13.7
Seminole	50	20.6	15.1
Sequoyah	76	18.9	15.2
Stephens	95	21.8	15.7
Texas	22	10.1	11.0
Tillman	14	19.4	12.5
Tulsa	951	14.5	13.3
Wagoner	117	14.8	11.9
Washington	105	20.0	14.9
Washita	14	12.5	9.1
Woods	14	15.8	14.0
Woodward	28	13.4	12.1

\*rate per 100,000

Table 2. Oropharyngeal Cancer Mortality Rates by County in Oklahoma, 2014-2023

County	Total Number of Oropharyngeal Cancer Deaths	Crude Incidence Rate*	Age-Adjusted Incidence Rate*
Adair	6	2.8	2.1
Alfalfa	.	.	.
Atoka	8	5.7	4.3
Beaver	5	2.2	1.8
Beckham	7	7.6	4.8
Blaine	20	4.3	3.0
Bryan	10	3.5	2.8
Caddo	40	2.7	2.7
Canadian	26	5.4	4.3
Carter	21	4.3	3.7
Cherokee	8	5.5	3.8
Choctaw	.	.	.
Cleveland	89	3.1	2.9
Coal	.	.	.
Comanche	28	2.3	2.3
Cotton	.	.	.
Craig	8	5.6	3.6
Creek	35	4.9	3.4
Custer	11	3.8	3.6
Delaware	20	4.8	2.7
Dewey	.	.	.
Ellis	.	.	.
Garfield	22	3.6	2.9
Garvin	19	7.0	5.4
Grady	35	6.3	4.8
Grant	5	8.7	6.4
Greer	.	.	.
Harper	.	.	.
Haskell	.	.	.
Hughes	9	6.7	4.6
Jackson	13	5.2	4.3
Jefferson	6	10.1	8.0
Johnston	5	4.6	3.2
Kay	31	7.0	5.1
Kingfisher	.	.	.
Kiowa	6	6.8	5.1
Latimer	6	5.9	3.6
Le Flore	19	3.8	2.9
Lincoln	22	6.3	5.0

County	Total Number of Oropharyngeal Cancer Deaths	Crude Incidence Rate*	Age-Adjusted Incidence Rate*
Logan	18	3.7	3.3
Love	.	.	.
McClain	14	3.4	3.0
McCurtain	13	4.0	3.2
McIntosh	11	5.6	3.3
Major	.	.	.
Marshall	5	3.1	1.8
Mayes	11	2.7	2.1
Murray	6	4.3	3.0
Muskogee	28	4.1	3.4
Noble	5	4.5	2.9
Nowata	5	5.0	3.1
Okfuskee	6	5.1	4.1
Oklahoma	269	3.4	3.1
Okmulgee	16	4.2	2.8
Osage	10	2.1	1.5
Ottawa	10	3.2	2.3
Pawnee	7	4.3	3.3
Payne	25	3.1	3.3
Pittsburg	12	2.7	1.7
Pontotoc	13	3.4	2.9
Pottawatomie	31	4.3	3.4
Pushmataha	.	.	.
Rogers	27	2.9	2.3
Seminole	11	4.5	3.0
Sequoyah	25	6.1	4.5
Stephens	18	4.1	2.8
Texas	.	.	.
Tillman	.	.	.
Tulsa	197	3.0	2.7
Wagoner	26	3.2	2.6
Washington	18	3.4	2.3
Washita	9	8.1	5.2
Woods	6	6.7	5.8
Woodward	5	2.4	2.0

\*rate per 100,000

Counts and resulting rates listed as '.' are suppressed due to small numbers.